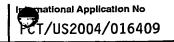
INTERNATIONAL SEARCH REPORT



A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01L51/30 H01L51/52
C08K3/10

il51/52 H01B1/12

C08G61/12

C08G73/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/179900 A1 (GREUEL GEORG ET AL) 5 December 2002 (2002-12-05) paragraphs '0006!, '0007!, '0010!, '0011!, '0014! examples 1-4 claims 1-3,5,6	1–19
X	US 2001/022497 A1 (KISHIMOTO HIROSHI ET AL) 20 September 2001 (2001-09-20) paragraphs '0095!, '0237! - '0241! -/	1-3, 5-12, 14-19

X Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.
"A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed	 "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family
Date of the actual completion of the international search	Date of malling of the international search report
10 September 2004	24/09/2004
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Russell, G

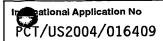
INTERNATIONAL SEARCH REPORT

prational Application No PCT/US2004/016409

0.00		1/052004/016409		
C.(Continua Category °	ation) DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X	ELSCHNER A ET AL: "HIGH-RESISTIVITY PEDT/PSS FOR REDUCED CROSSTALK IN PASSIVE MATRIX OELS" ASIA DISPLAY / IDW'O1. PROCEEDINGS OF THE 21ST INTERNATIONAL DISPLAY RESEARCH CONFERENCE IN CONJUCTION WITH THE 8TH INTERNATIONAL DISPLAY WORKSHOPS. NAGOYA, JAPAN, OCT. 16 - 19, 2001, INTERNATIONAL DISPLAY RESEARCH CONFERENCE. IDRC, SAN JOSE, CA: SI, vol. CONF. 21 / 8, 16 October 2001 (2001-10-16), pages 1427-1430, XP001134249 page 1430, right-hand column	1,2,5,7, 10-12, 14-19		
X .	ELSCHNER A ET AL: "PEDT/PSS FOR EFFICIENT HOLE-INJECTION IN HYBRID ORGANIC LIGHT-EMITTING DIODES" SYNTHETIC METALS, ELSEVIER SEQUOIA, LAUSANNE, CH, vol. 111/112, 1 June 2000 (2000-06-01), pages 139-143, XP000961480 ISSN: 0379-6779 page 140, left-hand column	1-3, 5-12, 14-19		
X	US 5 578 249 A (ABE MASAO ET AL) 26 November 1996 (1996-11-26) examples 3,7,9	1,2,5,7, 10-12, 14-16		
X	US 2001/044492 A1 (KRESS ROBERT J ET AL) 22 November 2001 (2001-11-22) paragraphs '0052!, '0054! tables 1-3	1-3,6-8, 10-12, 14-16		
X	US 2003/087991 A1 (ENGEL MICHAEL R ET AL) 8 May 2003 (2003-05-08) example I	1-3,6-8, 10-12, 14-16		

INTERNATIONAL SEARCH REPORT

Information on patent family members



			101/032004/010403		
Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 2002179900	A1	05-12-2002	CN EP WO JP TW TW	1461500 T 1382075 A1 02084759 A1 2004519830 T 565013 B 565013 Y	
US 2001022497	A1	20-09-2001	JP JP CN EP TW US US JP	2001237069 A 2001257073 A 1327360 A 1128438 A1 538540 B 2003127969 A1 2004046498 A1 2002015867 A	21-06-2003 10-07-2003
US 5578249	A	26-11-1996	EP JP JP JP JP	0579027 A1 3275061 B2 6306280 A 3526449 B2 2002179911 A	2 15-04-2002 01-11-1994
US 2001044492	A1	22-11-2001	EP	1081546 A1	1 07-03-2001
US 2003087991	A1	08-05-2003	EP WO	1406768 A2 03029015 A2	